

Practice

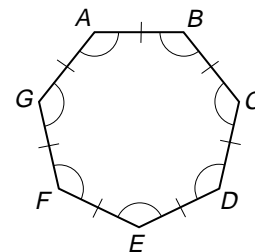
Polygons

State the number of sides for each convex polygon.

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|------------------|------------|------------|
| 1. quadrilateral | 2. octagon | 3. 83-gon |
| 4. heptagon | 5. decagon | 6. hexagon |

Use polygon ABCDEFG to answer each question.

7. Name the vertices of the polygon.
8. Name the angles of the polygon.
9. Name the sides of the polygon.
10. Is the polygon convex or concave.
11. Name the polygon according to the number of sides it has.
12. Is the polygon regular? Explain.



Find the sum of the measures of the interior angles of each convex polygon.

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|--------------|-------------|------------|
| 13. heptagon | 14. octagon | 15. 13-gon |
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The number of sides of a regular polygon is given. Find the measure of an interior and an exterior angle of the polygon.

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|-------|-------|--------|
| 16. 5 | 17. 9 | 18. 10 |
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